Claims: Claims 1, 4, and 38 are amended in this office action response. Claims 3, 6, 9-12, 41, and 43-44 are withdrawn from consideration. No claims are canceled in this office action response. Upon entry of this amendment, claims 1-12 and claims 38-44 will be pending in this application.

<u>Listing of Claims:</u>

1. (currently amended) A method for aligning a beam projector, with a ~~linear array of receptors with first and second alignment receptors aligned with the linear array of receptors, the method~~ comprising:

projecting a beam from the projector;

sweeping the beam <u>across a first alignment receptor, a second alignment receptor and a linear array of receptors positioned between and adjacent</u> ~~until~~ the first <u>alignment receptor</u> and <u>the</u> second alignment ~~receptors sense the beam~~;

<u>sensing the beam using the first alignment sensor and the second alignment sensor;</u>

~~upon each of the first and second alignment receptors sensing the beam,~~ transmitting a <u>first</u> signal <u>after the first alignment sensor senses the beam;</u>

<u>transmitting a second signal after the second alignment sensor senses the beam</u>

responsive to the <u>first signal and the second signal</u> ~~transmitted signals~~, recording the position of the beam projector;

computing, from the recorded positions, an alignment position of the beam projector to align with the linear array of receptors; and

aligning the beam projector with the linear array of receptors according to the alignment position.

2. (original) The method of claim 1 wherein sweeping the beam includes sweeping the beam horizontally and vertically.

3. (withdrawn) The method of claim 1 wherein transmitting a signal includes transmitting an electrical signal.

4. (currently amended) The method of claim 1 wherein ~~transmitting a~~ the first signal and the second signal includes ~~transmitting an~~ optical signal~~s~~.

5. (original) The method of claim 1 wherein recording the position of the beam projector include recording the horizontal position of the beam projector.

6. (withdrawn) The method of claim 1 wherein recording the position of the beam projector include recording the vertical position of the beam projector.

7. (original) The method of claim 1 wherein computing the alignment position of the beam projector includes computing the horizontal position of the beam projector.

8. (original) The method of claim 7 wherein aligning the beam projector includes positioning the beam projector to the horizontal position of the alignment position.

9. (withdrawn) The method of claim 1 wherein computing the alignment position of the beam projector includes computing the vertical position of the beam projector.

10 (withdrawn) The method of claim 9 wherein aligning the beam projector includes positioning the beam projector to the vertical position of the alignment position.

11. (withdrawn) The method of claim 1 wherein computing the alignment position of the beam projector includes computing the position tilt angle of the beam projector.

12. (withdrawn) The method of claim 11 wherein aligning the beam projector includes positioning the beam projector to the tilt angle of the alignment position.

13. – 37. (canceled)

38. (currently amended) A program storage system readable by a computer, tangibly embodying a program, applet, or instructions executable by the computer to perform a~~ ~~method ~~steps aligning a beam projector with a linear array of receptors with first and second alignment receptors aligned with the linear array of receptors, the method~~ comprising:

instructing the projector to project a beam;

instructing a positioning system to sweep the beam across a first alignment receptor, a second alignment receptor and a linear array of receptors positioned between and adjacent ~~until~~ the first alignment receptor and the second alignment receptors ~~sense the beam~~;

sensing the beam using the first alignment sensor and the second alignment sensor;

receiving a first signal indicative of ~~each of~~ the first ~~and second~~ alignment receptors sensing the beam;

receiving a second signal indicative of the second alignment sensor sensing the beam;

responsive to the first signal and the second signal ~~received signals~~, recording the position of the beam projector;

computing, from the recorded positions, an alignment position of the beam projector to align with the linear array of receptors; and

instructing the positioning system to align the beam projector according to the alignment position.

39. (original) The program storage system of claim 38 wherein instructing a positioning system to sweep the beam includes instructing the positioning system to sweep the beam horizontally and vertically.

40. (original) The program storage system of claim 38 wherein recording the position of the beam projector include recording the horizontal position of the beam projector.

41. (withdrawn) The program storage system of claim 38 wherein recording the position of the beam projector include recording the vertical position of the beam projector.

42. (original) The program storage system of claim 38 wherein computing the alignment position of the beam projector includes computing the horizontal position of the beam projector.

43. (withdrawn) The program storage system of claim 38 wherein computing the alignment position of the beam projector includes computing the vertical position of the beam projector.

44. (withdrawn) The program storage system of claim 38 wherein computing the alignment position of the beam projector includes computing the position tilt angle of the beam projector.

45. – 74. (canceled)

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                                                                       Amendment C